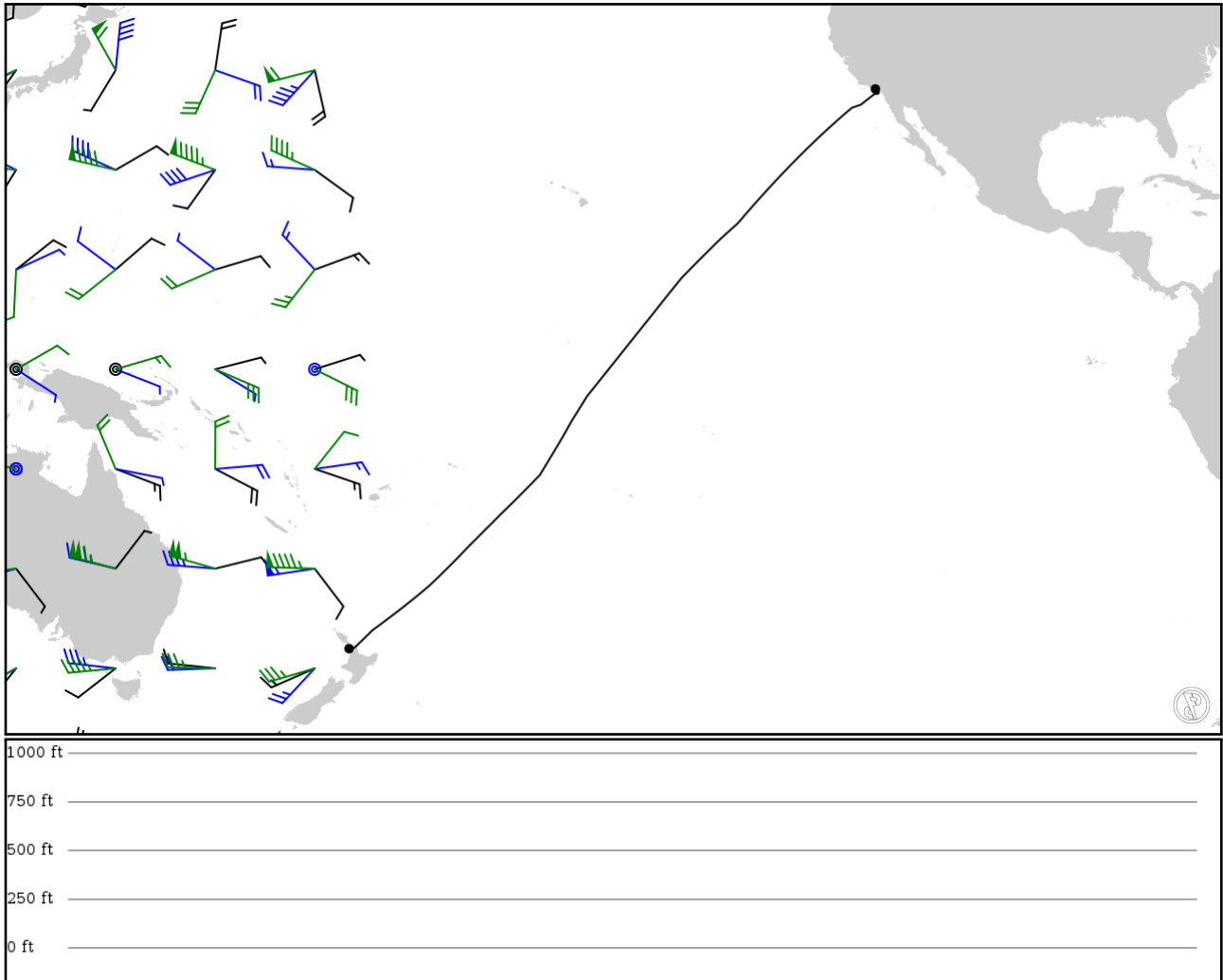


2024/04/28 0227Z

NZAA AA509 FF05R ATAMA BROOK FIRTH IDSEM 3300S18000E 2900S17500W 2400S17000W 2200S16800W
2000S16600W ASORO 1000S15800W 0821S15700W 0500S15500W 0000N15100W 0500N14700W 1000N14300W
1500N13800W BENTS AMATT TONYS FICKY ROSIN MALIT GOATZ DIRBY PHUNN SHHOW ZAPPP BUFIE SLI TRNDO
HIPED HUNDA WAVUD KLAX

5751.40 nm / 10651.60 km



Notes

Requested: NZAA AA509 FF05R ATAMA BROOK FIRTH IDSEM 3300S18000E 2900S17500W 2400S17000W 2200S16800W 2000S16600W
Unmatched points: GIGII

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NZAA	-	-37.00810	0 ft	-	Auckland Intl
APT	-	174.79200	0 m		
AA509	-	-37.03260	0 ft	4	-
FIX	-	174.71200	0 m		
FF05R	-	-37.04350	0 ft	2	-
FIX	-	174.67200	0 m		
ATAMA	-	-37.12240	0 ft	4	-
FIX	-	174.69700	0 m		
BROOK	-	-37.13810	0 ft	5	-
FIX	-	174.81400	0 m		
FIRTH	-	-36.99260	0 ft	27	-
FIX	-	175.35400	0 m		
IDSEM	-	-34.67240	0 ft	181	-
FIX	-	177.74800	0 m		
3300S18000E	-	-33.00000	0 ft	150	-
LATLON	-	-180.00000	0 m		
2900S17500W	-	-29.00000	0 ft	351	-
LATLON	-	-175.00000	0 m		
2400S17000W	-	-24.00000	0 ft	402	-
LATLON	-	-170.00000	0 m		
2200S16800W	-	-22.00000	0 ft	163	-
LATLON	-	-168.00000	0 m		
2000S16600W	-	-20.00000	0 ft	164	-
LATLON	-	-166.00000	0 m		
ASORO	-	-15.00000	0 ft	414	-
FIX	-	-161.00700	0 m		
1000S15800W	-	-10.00000	0 ft	348	-
LATLON	-	-158.00000	0 m		
0821S15700W	-	-8.21000	0 ft	122	-
LATLON	-	-157.00000	0 m		
0500S15500W	-	-5.00000	0 ft	226	-
LATLON	-	-155.00000	0 m		
0000N15100W	-	0.00000	0 ft	384	-
LATLON	-	-151.00000	0 m		
0500N14700W	-	5.00000	0 ft	384	-
LATLON	-	-147.00000	0 m		
1000N14300W	-	10.00000	0 ft	383	-
LATLON	-	-143.00000	0 m		
1500N13800W	-	15.00000	0 ft	419	-
LATLON	-	-138.00000	0 m		
BENTS	-	16.88530	0 ft	165	-
FIX	-	-135.90000	0 m		
AMATT	-	23.26030	0 ft	501	-
FIX	-	-130.16400	0 m		
TONYS	-	30.33080	0 ft	578	-
FIX	-	-122.82100	0 m		
FICKY	-	31.55760	0 ft	104	-
FIX	-	-121.39200	0 m		
ROSIN	-	31.94210	0 ft	61	-
FIX	-	-120.26800	0 m		
MALIT	-	32.47560	0 ft	47	-
FIX	-	-119.59100	0 m		
GOATZ	-	33.18490	0 ft	63	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-118.67100	0 m		
DIRBY	-	33.34260	0 ft	14	-
FIX	-	-118.44900	0 m		
PHUNN	-	33.32290	0 ft	17	-
FIX	-	-118.09800	0 m		
SHHOW	-	33.40490	0 ft	7	-
FIX	-	-117.99700	0 m		
ZAPPP	-	33.58260	0 ft	10	-
FIX	-	-118.00500	0 m		
BUFIE	-	33.64780	0 ft	3	-
FIX	-	-118.00800	0 m		
SLI	-	33.78330	0 ft	8	SEAL BEACH (LOS ALAMITOS)
VOR	-	-118.05500	0 m		
TRNDO	-	33.89210	0 ft	7	-
FIX	-	-118.10700	0 m		
HIPED	-	33.92690	0 ft	2	-
FIX	-	-118.11200	0 m		
HUNDA	-	33.95970	0 ft	3	-
FIX	-	-118.16200	0 m		
WAVUD	-	33.95090	0 ft	4	-
FIX	-	-118.25000	0 m		
KLAX	-	33.94310	0 ft	7	Los Angeles Intl
APT	-	-118.40900	0 m		

NZAA

Region: NEW ZEALAND AND ANTARCTICA
Timezone: PACIFIC/AUCKLAND
Runways: 1

Elevation: 23 ft / 7 m
Location: -37.008100 174.792000
Magnetic Var: 20.177 E

METAR

NZAA 280200Z AUTO 22005KT 180V250 9999 NCD 18/09 Q1027

TAF

TAF NZAA 280208Z 2803/2906 23008KT 9999 FEW040 BECMG 2803/2805 04010KT BECMG 2809/2811 15005KT BECMG 2822/2900 09

Frequencies

REC - 127.80 MHz - ATIS	REC - 127.00 MHz - ATIS
GND - 121.90 MHz - AUCKLAND GROUND	TWR - 118.70 MHz - AUCKLAND TOWER
TWR - 120.95 MHz - AUCKLAND TOWER	CLD - 128.20 MHz - CLEARANCE DELIVERY
APP - 120.10 MHz - AUCKLAND APPROACH	APP - 124.30 MHz - AUCKLAND APPROACH
APP - 129.50 MHz - AUCKLAND APPROACH	APP - 129.60 MHz - AUCKLAND APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	151 ft	12,040 ft	70.92	CONCRETE	1,250 ft	0 ft
	46 m	3,670 m	50.75		381 m	0 m
23L	151 ft	12,040 ft	250.90	CONCRETE	0 ft	131 ft
	46 m	3,670 m	230.72		0 m	40 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	DME	IAA	110.30 MHz	18 nm	-	-	23 ft
				33 km	-		23 m
23L	DME	IMG	109.90 MHz	18 nm	-	-	23 ft
				33 km	-		23 m
05R	LOC-ILS	IAA	110.30 MHz	18 nm	70.91	-	23 ft
				33 km	50.73		23 m
23L	LOC-ILS	IMG	109.90 MHz	18 nm	250.91	-	23 ft
				33 km	230.73		23 m
05R	GS	IAA	110.30 MHz	10 nm	70.91	3.00	23 ft
				19 km	50.73		23 m
23L	GS	IMG	109.90 MHz	10 nm	250.91	3.00	23 ft
				19 km	230.73		23 m

KLAX

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 125 ft / 38 m
Location: 33.943100 -118.409000
Magnetic Var: 11.444 E

METAR

KLAX 280153Z 25008KT 10SM FEW075 16/11 A2999 RMK AO2 SLP156 T01560111

TAF

KLAX 280209Z 2802/2906 26010KT P6SM SKC FM280400 VRB03KT P6SM SKC FM281800 26012KT P6SM SKC FM290400 VRB03KT P6SM

Frequencies

COM - 122.95 MHz - UNICOM	GND - 121.65 MHz - LOS ANGELES GROUND
GND - 121.75 MHz - LOS ANGELES GROUND	GND - 121.40 MHz - LOS ANGELES GROUND
TWR - 119.80 MHz - LOS ANGELES TOWER	TWR - 120.95 MHz - LOS ANGELES TOWER
TWR - 133.90 MHz - LOS ANGELES TOWER	REC - 133.80 MHz - D-ATIS
REC - 135.65 MHz - D-ATIS	APP - 124.90 MHz - SOCAL APPROACH
APP - 124.30 MHz - SOCAL APPROACH	APP - 124.50 MHz - SOCAL APPROACH
APP - 128.50 MHz - SOCAL APPROACH	DEP - 125.20 MHz - SOCAL DEPARTURE
DEP - 124.30 MHz - SOCAL DEPARTURE	CLD - 120.35 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07R	200 ft	11,106 ft	82.96	CONCRETE	0 ft	381 ft
	61 m	3,385 m	71.51		0 m	116 m
25L	200 ft	11,106 ft	262.98	CONCRETE	0 ft	381 ft
	61 m	3,385 m	251.53		0 m	116 m
07L	151 ft	12,935 ft	82.95	CONCRETE	846 ft	374 ft
	46 m	3,943 m	71.51		258 m	114 m
25R	151 ft	12,935 ft	262.98	CONCRETE	968 ft	197 ft
	46 m	3,943 m	251.53		295 m	60 m
06R	151 ft	10,896 ft	82.95	CONCRETE	551 ft	384 ft
	46 m	3,321 m	71.50		168 m	117 m
24L	151 ft	10,896 ft	262.97	CONCRETE	814 ft	384 ft
	46 m	3,321 m	251.52		248 m	117 m
06L	151 ft	8,936 ft	82.95	CONCRETE	0 ft	0 ft
	46 m	2,724 m	71.50		0 m	0 m
24R	151 ft	8,936 ft	262.96	CONCRETE	0 ft	285 ft
	46 m	2,724 m	251.52		0 m	87 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	DME	IUWU	108.50 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
06R	DME	IGPE	111.70 MHz	18 nm	-	-	120 ft
				33 km	-		120 m
07L	DME	IIAS	111.10 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
07R	DME	IMKZ	109.90 MHz	18 nm	-	-	103 ft
				33 km	-		103 m
24L	DME	IHQB	111.70 MHz	18 nm	-	-	133 ft
				33 km	-		133 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24R	DME	IOSS	108.50 MHz	18 nm 33 km	- -	-	133 ft 133 m
25L	DME	ILAX	109.90 MHz	18 nm 33 km	- -	-	126 ft 126 m
25R	DME	ICFN	111.10 MHz	18 nm 33 km	- -	-	126 ft 126 m
06L	LOC-ILS	IUWU	108.50 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
06R	LOC-ILS	IGPE	111.70 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
07L	LOC-ILS	IIAS	111.10 MHz	18 nm 33 km	82.98 71.54	-	125 ft 125 m
07R	LOC-ILS	IMKZ	109.90 MHz	18 nm 33 km	82.97 71.53	-	125 ft 125 m
24L	LOC-ILS	IHQB	111.70 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
24R	LOC-ILS	IOSS	108.50 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25L	LOC-ILS	ILAX	109.90 MHz	18 nm 33 km	262.97 251.53	-	125 ft 125 m
25R	LOC-ILS	ICFN	111.10 MHz	18 nm 33 km	262.98 251.54	-	125 ft 125 m
06L	GS	IUWU	108.50 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
06R	GS	IGPE	111.70 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
07L	GS	IIAS	111.10 MHz	10 nm 19 km	82.98 71.54	3.00	125 ft 125 m
07R	GS	IMKZ	109.90 MHz	10 nm 19 km	82.97 71.53	3.00	125 ft 125 m
24L	GS	IHQB	111.70 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
24R	GS	IOSS	108.50 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25L	GS	ILAX	109.90 MHz	10 nm 19 km	262.97 251.53	3.00	125 ft 125 m
25R	GS	ICFN	111.10 MHz	10 nm 19 km	262.98 251.54	3.00	125 ft 125 m